ABSTRACT

With an inverter itself, monitoring and sampling are carried out and a margin of error is reduced even when an environmental change and a secular change occur in a subject facility, or even when a load change occurs in the inverter. To realize the, a power-consumption computing unit (51) that calculates power consumption based on a voltage and a current obtained by an output-voltage computing unit (42) and a current detecting unit (21), respectively, and a power-saving-effect generating unit (52) that acquires a power-saving effect based on the power consumption are included. It is possible to display, on a display (70), an instantaneous power-saving effect and an integration value of the power-saving effect under operation with the inverter, with respect to commercial operation, based on the instantaneous power consumption under the operation with the inverter calculated by the power-consumption computing unit (51), and on electric characteristic data obtained by comparing with the power consumption under the commercial operation.